

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
A34006 070050.1942

Serial No.  
10/073,463

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant  
Andrey Rzhetsky et al.

Filing Date  
February 11, 2002

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No

## OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

MKB		Stanley Fields, 2002, <a href="http://depts.washington.edu/sfields/">http://depts.washington.edu/sfields/</a> ,
		Gomez SM et al., 2002, <i>Pac Symp Biocomput</i> 7:413-424 ,
		Myriad Genetics Pronet Online, 2002, <a href="http://www.myriad-pronet.com/">http://www.myriad-pronet.com/</a> ,
		Apic G et al., 2001, <i>J. Mol. Biol.</i> 310:311-325 ,
		Awata H et al., 2001, <i>J. Biol. Chem.</i> 276(37):34871-34879 ,
		Bock JR et al., 2001, <i>Bioinformatics</i> 17:455-460 ,

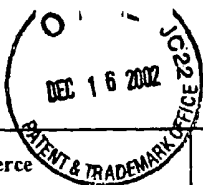
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Gomez SM et al., 2001, *Genetics* 159:1291-1298 ,

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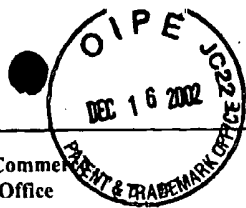
Jeong et al., 2001, *Nature* 411(6833):41-42 .Xenarios I et al., 2001, *Nucleic Acids Research* 29:239-241 .Albert et al., 2000, *Nature* 406:378-382 .Bateman et al., 2000, *Nucleic Acids Research* 28:263-266 ,Benedict et al., 2000, *J. Biol. Chem.* 275:8461-8468 ,Hutt DM et al., 2000, *J Biol Chem* 275:18511-18519 ,Ito T et al., 2000, *Proc Natl Acad Sci USA* 97:1143-1147 .Jeong et al., 2000, *Nature* 407:651-654 ,Koike and Rzhetsky, 2000, *Gene* 259:235-244 ,Uetz et al., 2000, *Nature* 403:623-627 ,Von Dassow et al, 2000, *Nature* 406:188-192 ,Xenarios et al., 2000, *Nucleic Acids Research* 28:289-291 ,Ballinger CA et al., 1999, *Mol. Cell. Biol.* 19:4535-4545 ,

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1645**RECEIVED**

DEC 18 2002

TECH CENTER 1600/2900

MKB		Barabasi and Albert, 1999, <i>Science</i> 286:509-512 ,
		Enright AJ et al., 1999, <i>Nature</i> 402:86-90 ,
		Marcotte EM et al., 1999, <i>Science</i> 285:751-753 ,
		Ruecknagel KP et al., 1999, Dihydrolipoamide S-Succinyltransferase Precursor, Accession XUBYSD (gi 2144399) ,
		Bono et al., 1998, <i>Genome Res.</i> 8:203-210 ,
		Hu et al., 1998, <i>J. Biol. Chem.</i> 273:33489-33494 ,
		Sonnhammer ELL et al., 1998, <i>Nucleic Acids Research</i> 26(1):320-322 ,
		Wu SK et al., 1998, <i>J. Biol. Chem.</i> 273:26931-26938 ,
		Altschul et al., 1997, <i>Nucleic Acids Research</i> 25:3389-3402 ,
		Goto et al., 1997, <i>Pac. Symp. Biocomput.</i> 2:175-186 ,
		Grundy et al., 1997, <i>Biochem Biophys. Res. Commun.</i> 231(3):760-766 ,
		Neuwald, 1997, <i>Nucleic Acids Research</i> 25:1665-1677 ,
		Boskovic J et al., 1996, Transcription Factor GRF10, Accession A25872 (gi 82888) ,
		Gilks WR et al., eds., 1996, <i>Markov Chain Monte Carlo Practice</i> , Chapman & Hall/CRC, New York ,

NY02:414455.1

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TECH CENTER 1600/2900

MKB		James CM et al., 1996, Cell Division Control Protein CDC43, Accession RBY43 (gi 2144611),
		Selkov et al., 1996, <i>Nucleic Acids Research</i> 24:26-28 ,
		Wu CH et al., 1996, <i>Comput. Appl. Biosci</i> 12:109-118 ,
		Green PJ, 1995, <i>Biometrika</i> 82:711-732 ,
		Neuwald AF et al., 1995, <i>Protein Sci.</i> 4:1618-1632 ,
		Purnelle B et al., 1995, Pre-mRNA Splicing Factor PRP21, Accession S23553 (gi 280467) ,
		Churcher C, 1994, Dihydrolipoamide Dehydrogenase Precursor, Accession A30151 (gi 82983),
		Contreras R et al., 1994, Hypothetical Protein YBL067C, Accession S45803 (gi 626480) ,
		Entian KD et al., 1994, Omnipotent Suppressor Protein SUP45, Accession S46014 (gi 626763) ,
		Gaillon L et al., 1994, Transcription Factor BAS1, Accession A40083 (gi 101447) ,
		Hamlyn N et al., 1994, Oxoglutarate Dehydrogenase Precursor, Accession DEBY (gi 1070439) ,
		Kazic 1994, In: <u>Molecular Modeling: From Virtual Tools to Real Problems</u> , Kumosinski, T. and Liebman, M.N. (Eds.), American Chemical Society, Washington, D.C. pp. 486-494 ,
		Kazic, 1994, In: <u>New Data Challenges in Our Information Age</u> Glaesar, P.S. and Millward, M.T.L. (Eds.). Proceedings of the Thirteenth International CODATA Secretariat, Paris pp. C133-C140 ,

NY02:414455.1

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TECH CENTER 1600/2900

WZ			Krogh et al., 1994, <i>J. Mol. Biol.</i> 235:1501-1531 ,
			Murphy L et al., 1994, Suppressor 2 Protein, Accession EFBY52 (gi 72877) ,
			Rieger M, 1994, Protein Farnesyltransferase Chain RAM2, Accession P29703 (gi 266880) ,
			Orengo et al., 1993, <i>J Mol Biol</i> 233(3):488-497 ,
			Ullrich O et al., 1993, <i>J. Biol. Chem.</i> 268:18143-18150 ,
			Peitgen HO, Juregens H, Saupe D, 1992, <i>Chaos and Fractals: New Frontiers of Science</i> , Springer Verlag, New York ,
			Altschul et al., 1990, <i>J. Mol. Biol.</i> 215:403-410 ,
✓			Hastings, 1970, <i>Biometrika</i> 57:97-109 ,

NY02:414455.1

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0 0 6 3 6 8 7	10/26/00	PCT			

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